

2019 Astrophysics Explorer SMEX Announcement of Opportunity Program Library Change Log

The most recent version of this document may be found in the 2019 Astrophysics Explorer SMEX Program Library, at <https://explorers.larc.nasa.gov/2019APSMEX/SMEX/programlibrary.html> by selecting "Change Log".

Note: If a document is posted out of sequence or is revised, it will be indicated via **highlighting** in this log.

July 17, 2020: change link for item 3 under Document Referenced by PEA changed to "Guidelines and Criteria for the Phase A Concept Study (updated 06/4/2020)" to 2019 Astro SMEX CSR Guidelines_17_July2020_rev2.pdf

June 22, 2020: change link for item 11 under Program Specific Documents to 2019-Astro-AO-Tables_22June2020

June 22, 2020: add item 11. c "Table B3a: Total Mission Cost RY\$ Profile Template (*updated 6/22/2020*)" under Microsoft Excel version of the template tables in the AO under Program Specific Documents

June 4, 2020: link for item 3 under Program Specific Documents changed to "Guidelines and Criteria for the Phase A Concept Study (updated 06/4/2020)" and linked to 2019 Astro SMEX CSR Guidelines_04_June2020_rev1_final.pdf

June 3, 2020: item under Documents Referenced by CSR Guidelines added as "c. FAQs for Protecting Spaceborne Assets" and linked to FAQs for Protecting Spaceborne Assets 13-May-2020.docx

May 7, 2020: rename item 3 under Program Specific Documents to "3. Guidelines and Criteria for the Phase A Concept Study (updated 5/7/2020)" and change link to 2019 Astro SMEX CSR Guidelines_7_May2020.pdf

April 28, 2020: Item 3b under Documents Referenced by CSR Guidelines changed to "ICON L2 MDRA" [ICON L2 Project Requirements.pdf]. Item 4a under Documents Referenced by CSR Guidelines changed to "TESS L1 PLRA" [TESS_Level-1_Program_Requirements_HQ_Final_Signed_Copy Redacted+OCR.pdf]. Item 4b under Documents Referenced by CSR Guidelines changed to "ICON L2 PLRA" [ICON PLRA signed Redacted+OCR.pdf]

April 22, 2020: change link for item 3 under Program Specific Documents to "2019 Astro SMEX CSR Guidelines_DRAFT_21Apr2020.pdf" (same document linked to the MO Program Library)

April 21, 2020: change link for item 4 under Program Specific Documents to "Astro SMEX NLS Info Summary_4-21-20.pdf"

April 2, 2020: change link for item 6c under Program Specific Documents to "Proposer_Requested_ISS_Resource_Table_v5_March_2019.docx" (same document linked to the MO Program Library)

March 26, 2020: rename item 1 under Documents Referenced by CSR Guidelines (Step 2) to "1. Space System Protection Documents"

March 26, 2020: moved original item 1 under Documents Referenced by CSR Guidelines (Step 2) as item "a. Security Requirements for Cryptographic Models, FIPS PUB 140-2" under new item "1. Space System Protection Documents"

March 26, 2020: moved original item 7 under Documents Referenced by CSR Guidelines (Step 2) as item "b. Space System Protection Standard, NASA-STD-1006" under new item "1. Space System Protection Documents"

March 25, 2020: Link for Draft Guidelines and Criteria for the Phase A Concept Study replaced with 2019 Astro SMEX CSR Guidelines_Draft_23-24Mar2020.pdf

March 23, 2020: Conflicted_Party_List_(Rev_03_22_2020).xlsx posted as Document Referenced by CSR Guidelines (Step 2) item "8 Conflicted Party List Template"

March 18, 2020: 2019_nasa_new_start_inflation_index_for_fy20_final2.xlsx posted as Document Referenced by CSR Guidelines (Step 2) item "6 2019 NASA Inflation Index for FY20"

March 18, 2020: Nasa-std-1006.pdf posted as Document Referenced by CSR Guidelines (Step 2) item "7 Space System Protection Standard, NASA-STD-1006"

February 28, 2020: PI-MastersForum_Level1-2s_JLeisner_pared2_200207.pdf posted as Document Referenced by CSR Guidelines (Step 2) item "5 Level 1/Level 2 Requirements Presentation"

February 28, 2020: IBEX_Example_PLRA.pdf posted as Document Referenced by CSR Guidelines (Step 2) item "4 Program Level Requirements Appendix (PLRA) Examples a) IBEX PLRA"

February 28, 2020: NuSTAR_Example_PLRA.pdf posted as Document Referenced by CSR Guidelines (Step 2) item "4 Program Level Requirements Appendix (PLRA) Examples b) NuSTAR PLRA"

February 28, 2020: IBEX_Example_MDRA.pdf posted as Document Referenced by CSR Guidelines (Step 2) item "3 Mission Definition Requirements Agreement (MDRA) Examples a) IBEX MDRA"

February 28, 2020: IRIS_Example_MDRA.pdf posted as Document Referenced by CSR Guidelines (Step 2) item "3 Mission Definition Requirements Agreement (MDRA) Examples b) IRIS MDRA"

February 28, 2020: Juno_with_Belgium.pdf posted as Document Referenced by CSR Guidelines (Step 2) item "2 Sample of International Agreement a) With Belgium for Juno"

February 28, 2020: MSL_with_France.pdf posted as Document Referenced by CSR Guidelines (Step 2) item “2 Sample of International Agreement b) With France for MSL”

February 6, 2020: FIPS PUB 140-2.pdf posted as Document Referenced by CSR Guidelines (Step 2) item “1. Security Requirements for Cryptographic Models, FIPS PUB 140-2”

June 5, 2019: 453-UG-002905.pdf posted as Program Specific Documents item “7a. Near Earth Network (NEN) Users Guide”

April 30, 2019: SLS-RQMT-216 SLSP Exploration Mission-1 Safety Requirements for Secondary Payload Hardware REVISION B.pdf posted as Program Specific item “15g. EM-1 Safety Requirements for Secondary Payload Hardware (SLS-RQMT-216)”

April 30, 2019: 20170005323.pdf posted as Program Specific item “15f. SLS Mission Planners Guide 2018-12-19”

April 30, 2019: Lunar Gateway for SMEX 2019-04-29.pdf posted as Program Specific item “15a. Instructions for proposing Lunar Gateway or SLS Rideshare”

April 29, 2019: Robotics-020918_R1.pdf posted as Program Specific Documents item “15d. Robotics Standards”

April 29, 2019: Program Specific Documents item “15d. SLS Block1B Secondary Payloads Accommodations - ESPA-Type and 27U CubeSat” moved to 15e.

April 29, 2019: Gateway PL IF 2019-04-19.pdf posted as Program Specific Documents item “15c. Gateway Payload Interface Document”

April 17, 2019: SLS ESPA 27U Accommodations 2019-04-16.pdf posted as Program Specific Documents item “15d. SLS Block1B Secondary Payloads Accommodations - ESPA-Type and 27U CubeSat”.

April 17, 2019: Gateway Comm_020918_R2.pdf posted as Program Specific Documents item “15b. Gateway Communications”.

April 2, 2019: Program Specific Documents item “3. Draft Guidelines and Criteria for the Phase A Concept Study” updated.

April 1, 2019: Accommodation worksheet 2019 Astro SMEX-MO 2019-04-01.xlsx posted to Program Specific Documents item “14e. ESPA Accommodations Template for SMEX/MO DRAFT”

April 1, 2019: 2019-04-01 2019 Astro ESPA RUG.pdf posted to Program Specific Documents item “14d. Draft 2019 ESPA Rideshare Users Guide (RUG)”

April 1, 2019: 2019-Astro-AO-Tables_01Apr2019.xls posted to Program Specific Documents item “11. Microsoft Excel version of the template tables in the AO”.

April 1, 2019: 2019 Astro SMEX CSR Guidelines_DRAFT_2019-04-01.pdf posted as Program Specific Documents item “3. Draft Guidelines and Criteria for the Phase A Concept Study”.

March 29, 2019: N_PR_8000_004B_.pdf Posted as NASA and Federal Documents item “17. NASA Risk Management Procedural Requirements, NPR 8000.4B”.

March 29, 2019: 2019-03-25 Accommodation worksheet 2019 Astro SMEX-MO draft.xlsx posted as Program Specific Documents item “14e. ESPA Accommodations Template for SMEX/MO”.

March 29, 2019: 2019-03-25 Astro SMEX-MO ESPA SIS draft.pdf posted as Program Specific Documents item “14d. Draft 2019 ESPA Rideshare Users Guide (RUG)”.

March 29, 2019: Pending Changes to NPD 8610.23C - 3-29-19.pdf posted as Program Specific Documents item “5. Pending Changes to NPD 8610.23C, Launch Vehicle Technical Oversight Policy”.

March 29, 2019: Astro 2019 SMEX LSP Info Summary_Final_3-29-19.pdf posted as Program Specific Documents item “4. ELV Launch Services Information Summary”.

March 20, 2019: SCaN-MOCS-0001 Rev 2_final.pdf posted as Program Specific Documents item “7. Space Communications and Navigation (SCaN) Mission Operations and Communications Services (MOCS), Rev 2, effective 03/15/2019”.

March 18, 2019: Program Specific Documents item “16. Space Asset Protection Memo on command uplink encryption” removed.

March 14, 2019: NASA and Federal Documents item “17. Asset Vulnerability Protection security classification” removed.

March 13, 2019: Additional NASA and Federal Documents item “Executive Orders may be accessed at....” Insert Executive Order 11246, Equal employment opportunity, (see <https://www.archives.gov/federal-register/codification/executive-order/11246.html>)” added.

March 13, 2019: Additional NASA and Federal Documents item “FAR 22.808, Equal Employment Opportunity Complaints” added.

March 13, 2019: Additional NASA and Federal Documents item “AFSPCMAN 91-710, Range Safety User Requirements Manual Vol. 3 – Launch Vehicle, Payloads, and Ground Support System Requirements” added.

March 13, 2019: Additional NASA and Federal Documents item “NASA-STD-6016, Standard Materials and Processes Requirements for Spacecraft” added.

March 13, 2019: Additional NASA and Federal Documents item “NPD 8610.23C, Launch Vehicle Technical Oversight Policy” added.

March 13, 2019: NASA and Federal Documents item “17. Asset Vulnerability Protection security classification guide” added.

March 13, 2019: handbook_sffas_4.pdf posted as NASA and Federal Documents item “16. Managerial Cost Accounting Concepts and Standards for the Federal Government”.

March 13, 2019: N_PR_7120_005E_(1).pdf posted as NASA and Federal Documents item “1. NPR 7120.5E, NASA Space Flight Program and Project Management Requirements”.

March 13, 2019: Budget-Summary-Form_Exhibit_A.doc posted as Program Specific Documents item “15. Astrophysics Explorers Budget Summary, Exhibit A”.

March 13, 2019: Program Specific Documents item “14 c. ESPA Accommodations Template for SMEX” added.

March 13, 2019: 2018-09-18-IMAP-ESPA-SIS.pdf posted as Program Specific Documents item “14 c. ESPA System Interface Specifications (SIS) for IMAP Mission”.

March 13, 2019: EELV-RideshareUsersGuide-v1-Signed-6.pdf posted as Program Specific Documents item “14 b. Evolved Expendable Launch Vehicle Rideshare User’s Guide (05/2016)”.

March 13, 2019: Program Specific Documents item “15. SMD Rideshare Policy, SPD-32” moved to Program Specific Documents item “14 a. SMD Rideshare Policy, SPD-32”.

March 13, 2019: Program Specific Documents item “14. Rideshare Documents” added.

March 13, 2019: Program Specific Documents item “14. Commercial Lunar Payload Services Statement of Work” removed.

March 13, 2019: 2019-Astro-AO-Tables_01Mar2019.xls posted as Program Specific Documents item “11. Microsoft Excel version of the template tables in the AO”.

March 13, 2019: 10_SMD_Mission_Extension_jjeh.pdf posted as Program Specific Documents item “10. SMD Mission Extension Paradigm”.

March 13, 2019: Y_SPD_SPD-31 Student Collaboration - May 2018.pdf posted as Program Specific Documents item “8. SPD-31, SMD Student Collaboration Policy”.

March 13, 2019: LSP-PLN-326_01_AdminChange_Basic_2.pdf posted to Program Specific Documents item “5. NASA Launch Services Program (LSP) Advisory Services Plan”.

March 13, 2019: Program Specific Documents item “2. SMEX Mission Assurance Requirements, EXP-RQMT-0003” renamed to “2. Astrophysics Explorers safety, reliability, and quality assurance requirements document (SMEX Mission Assurance Requirements, EXP-RQMT-0003)”.

March 13, 2019: ExplorersProgramPlanSigned9-9-14.pdf posted as Program Specific Documents item “1. *Explorers Program Plan*”.

March 13, 2019: Program Specific Documents item “1. Astrophysics roadmap, Enduring Quests Daring Visions, NASA Astrophysics in the Next Three Decades” moved to Strategic Documents item “3. Astrophysics roadmap, Enduring Quests Daring Visions, NASA Astrophysics in the Next Three Decades”.

March 7, 2019: Robotic Spacecraft Memo 2019-02-01.pdf posted as Program Specific Documents item “16. *Space Asset Protection Memo on command uplink encryption*”.

February 4, 2019: External-Payloads-Proposers-Guide-to-ISS-SSP-51071-Baseline.pdf posted as Program Specific Documents item “6a. External Payloads Proposers Guide to ISS, SPP=51071 – Baseline”.

February 4, 2019: ISSP-Management-JEM-EF-Power-Flow-Design-Directive.pdf posted as Program Specific Documents item “6b. ISSP Management JEM-EF Power & Flow Design Directive”.

February 4, 2019: Proposer-Requested-ISS-Resource-Table_v4.docx posted as Program Specific Documents item “6c. Proposer Requested ISS Resource Table”.

December 11, 2018: SPD-32_RIdeshare_Policy_for_website.pdf posted as Program Specific Documents, item “15. *SMD Rideshare Policy*”.

December 11, 2018: ATT_A_CLPS_SOW_Final[1].pdf posted as Program Specific Documents, item “14. *Commercial Lunar Payload Services Statement of Work*”.

November 28, 2018: Astro 2019 SMEX LSP Info Summary_Draft_27Nov2018.pdf posted as Program Specific Documents, item “4. *ELV Launch Services Information Summary*”.

September 20, 2018: Set-up SMEX Library with initial documents.